

PATENT ABSTRACTS OF JAPAN

(11)Publication number:

07-115709

(43) Date of publication of application: 02.05.1995

(51)Int.CI.

B60L 11/12 B60L 3/00 B60L 11/08 F02N 11/08

(21)Application number: 05-258263

(71)Applicant: TOYOTA MOTOR CORP

(22)Date of filing:

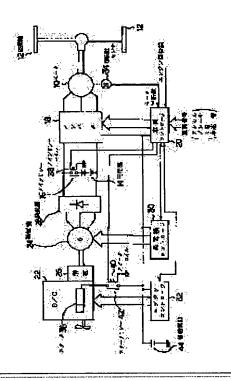
15.10.1993

(72)Inventor: ARAI YOSHIHIDE

(54) HYBRID ELECTRIC VEHICLE

(57)Abstract:

PURPOSE: To prevent the drop of power supply voltage of a control member to lower the possibility of the generation of discrepancy such as fluctuation in the number of rotations of motor due to malfunction by inhibitting start of engine in such a case of controlling supply of power to the motor while power generation request is generated. CONSTITUTION: A vehicle controller 20 judges whether power generation is requested or not to an engine-driven power generator consisting of an engine 22 and a power generator 24. When it is judged that power generation request is issued, the vehicle controller 20 continuously judges whether the vehicle is in the running condition or not. This judgement is conducted, for example, by the number of rotations of motor which is detected by a sensor 34 for sensing the number of rotations. When the vehicle is judged not to be in the runnind condition, the vehicle controller 20 turns ON a starter 36 by energizing a starter coil 40. That is, the voltage drop of an auxiliary battery 44 resulting from power supply to the starter 36 does not cause any malfunction of the vehicle controller 20 and it is unnecessary to provide a power supply only for the starter 36.



LEGAL STATUS

[Date of request for examination]

06.08.1998

[Date of sending the examiner's decision of rejection]

Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

2973797

[Date of registration]

03.09.1999

[Number of appeal against examiner's decision of

rejection]

[Date of requesting appeal against examiner's decision

of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office